

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 10:02:52 ON 20 SEP 2004

=> file pnttext

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'EUROPATFULL' ENTERED AT 10:02:59 ON 20 SEP 2004

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FILE 'PCTFULL' ENTERED AT 10:02:59 ON 20 SEP 2004

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FILE 'RDISCLOSURE' ENTERED AT 10:02:59 ON 20 SEP 2004

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FILE 'USPATFULL' ENTERED AT 10:02:59 ON 20 SEP 2004

CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 10:02:59 ON 20 SEP 2004

CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

=> s 1,3-propanediol and ethylene glycol#

1 FILES SEARCHED...

4 FILES SEARCHED...

L1 18516 1,3-PROPANEDIOL AND ETHYLENE GLYCOL#

=> s l1 and polycondensation

L2 3490 L1 AND POLYCONDENSATION

=> s l2 and sulfuric and acid#

L3 456 L2 AND SULFURIC AND ACID#

=> s polyethylene oxide and polytrimethylene oxide

L4 18 POLYETHYLENE OXIDE AND POLYTRIMETHYLENE OXIDE

=> s l3 and l4

L5 5 L3 AND L4

=> s l5 and (polytrimethylene ethylene ether glycol# or polytrimethylene ethylene etherglycol#)

L6 0 L5 AND (POLYTRIMETHYLENE ETHYLENE ETHER GLYCOL# OR POLYTRIMETHYLENE ETHYLENE ETHERGLYCOL#)

=> s (l3 or l4) and polytrimethylene ethylene ether glycol#

L7 0 (L3 OR L4) AND POLYTRIMETHYLENE ETHYLENE ETHER GLYCOL#

=> d l5 1-5

L5 ANSWER 1 OF 5 PCTFULL COPYRIGHT 2004 Univentio on STN

AN 2004014984 PCTFULL ED 20040225 EW 200408

TIEN POLY(TRIMETHYLENE-ETHYLENE ETHER) GLYCOLS

TIFR POLY(TRIMETHYLENE-ETHYLENE ETHER) GLYCOLS

IN SUNKARA, Hari, Babu, 3 Fritze Court, Hockessin, DE 19707, US;

DO, Hiep, Quang, 13 Exeter Court, Somerset, NJ 08873, US

PA E. I. DU PONT DE NEMOURS AND COMPANY, 1007 Market Street, Wilmington, DE 19898, US [US, US]

AG KULLER, Mark, D., E. I. du Pont de Nemours and Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805, US

LAF English

LA English

DT Patent  
PI WO 2004014984 A1 20040219  
DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW  
RW (ARIPO): GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
RW (EAPO): AM AZ BY KG KZ MD RU TJ TM  
RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR  
RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
AI WO 2003-US24390 A 20030804  
PRAI US 2002-60/402,262 20020809  
US 2003-10/621,892 20030717  
ICM C08G065-04  
ICS C08G065-34; C08F016-02; C08F016-12

L5 ANSWER 2 OF 5 USPATFULL on STN  
AN 2004:166183 USPATFULL  
TI Polyurethane and polyurethane-urea comprised of poly(trimethylene-  
ethylene ether) glycol soft segment  
IN Sunkara, Hari Babu, Hockessin, DE, UNITED STATES  
PI US 2004127673 A1 20040701  
AI US 2003-621861 A1 20030717 (10)  
PRAI US 2002-402262P 20020809 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 974  
INCL INCLM: 528/061.000  
INCLS: 528/065.000  
NCL NCLM: 528/061.000  
NCLS: 528/065.000  
IC [7]  
ICM: C08G018-00  
ICS: C08G018-10; C08G018-38; C08G018-32; C08G018-60  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 3 OF 5 USPATFULL on STN  
AN 2004:101953 USPATFULL  
TI Polyether ester elastomers comprising poly(trimethylene ether) ester  
soft segment and alkylene ester hard segment  
IN Sunkara, Hari Babu, Hockessin, DE, UNITED STATES  
PI US 2004077823 A1 20040422  
AI US 2003-621805 A1 20030717 (10)  
PRAI US 2002-402262P 20020809 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 924  
INCL INCLM: 528/272.000  
INCLS: 528/300.000  
NCL NCLM: 528/272.000  
NCLS: 528/300.000  
IC [7]  
ICM: C08G063-02  
ICS: C08G063-66  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 4 OF 5 USPATFULL on STN  
AN 2004:39553 USPATFULL  
TI Poly(trimethylene-ethylene ether) glycols  
IN Sunkara, Hari B., Hockessin, DE, UNITED STATES  
Do, Hiep Q., Somerset, NJ, UNITED STATES  
PI US 2004030095 A1 20040212  
AI US 2003-621892 A1 20030717 (10)  
PRAI US 2002-402262P 20020809 (60)  
DT Utility  
FS APPLICATION

LN.CNT 998  
INCL INCLM: 528/425.000  
NCL NCLM: 528/425.000  
IC [7]  
ICM: C08G065-34  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 5 OF 5 USPATFULL on STN  
AN 2004:39547 USPATFULL  
TI Thermoplastic elastomer comprising poly(trimethylene-ethylene ether)  
soft segment and polyamide hard segment  
IN Sunkara, Hari Babu, Hockessin, DE, UNITED STATES  
PI US 2004030089 A1 20040212  
AI US 2003-621896 A1 20030717 (10)  
PRAI US 2002-402262P 20020809 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 916  
INCL INCLM: 528/272.000  
NCL NCLM: 528/272.000  
IC [7]  
ICM: C08G063-02  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 14 1-18

L4 ANSWER 1 OF 18 EUROPATFULL COPYRIGHT 2004 WILA on STN

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 1363293 EUROPATFULL ED 20031120 EW 200347 FS OS  
TIEN IONICALLY CONDUCTING SHEET.  
TIDE IONISCH LEITENDE LAGE.  
TIFR FEUILLE A CONDUCTION IONIQUE.  
IN MINAMI, Masaki, NIPPON MITSUBISHI OIL CO., Central Techn. Res Lab., 8,  
Chidori-cho, Naka-ku, Yokohama-shi, Kanagawa 231-0815, JP;  
TANIMOTO, Junichiro, NIPPON MITSUBISHI OIL CO., Central Techn. Res Lab.,  
8, Chidori-cho, Naka-ku, Yokohama-shi, Kanagawa 231-0815, JP;  
KUBO, Takaya, NIPPON MITSUBISHI OIL CO., Central Techn. Res Lab., 8,  
Chidori-cho, Naka-ku, Yokohama-shi, Kanagawa 231-0815, JP;  
NISHIKITANI, Yoshinori, NIPPON MITSUBISHI OIL CO., Central Techn. Res  
Lab., 8, Chidori-cho, Naka-ku, Yokohama-shi, Kanagawa 231-0815, JP  
PA Nippon Oil Corporation, 3-12, Nishi-shimbashi 1-chome, Minato-ku, Tokyo  
105-8412, JP  
SO Wila-EPZ-2003-H47-T2b  
DS R DE; R FR; R GB  
PIT EPA1 EUROPATISCHE PATENTANMELDUNG (Internationale Anmeldung)  
PI EP 1363293 A1 20031119  
OD 20031119  
AI EP 2002-700709 20020222  
PRAI JP 2001-2001048696 20010223  
JP 2001-2001195034 20010627  
RLI WO 02-JP1609 020222 INTAKZ  
WO 02067272 020829 INTPNR  
IC ICM H01B001-06

L4 ANSWER 2 OF 18 EUROPATFULL COPYRIGHT 2004 WILA on STN

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 897795 EUROPATFULL ED 19990307 EW 199908 FS OS  
TIEN Directly imageable raw plate for planographic printing plate.  
TIDE Direkt beschreibbare Trockenflachdruckformen.  
TIFR Plaques lithographiques a sec pour l'enregistrement en direct.  
IN Ichikawa, Michihiko, 13-1, Sonoyama 2-chome, Otsu-shi, Shiga, 520-0842,  
JP;  
Fujimaru, Koichi, 4-236-3, Kitayama, Nagaoka-shi, Niigata, 940-2114, JP;

Ikeda, Norimasa, 2-11-11, Nogohara, Otsu-shi, Shiga, 520-2133, JP;  
Kawamura, Ken, 442, Kurita, Hatasho-cho, Echi-gun, Shiga, 529-1225, JP;  
Goto, Kazuki, 3-1-106, Sonoyama 2-chome, Otsu-sho, Shiga, 520-0842, JP  
PA TORAY INDUSTRIES, INC., 2-1, Nihonbashi-Muromachi 2-chome, Chuo-ku,  
Tokyo 103-8666, JP  
SO Wila-EPZ-1999-H08-T2b  
DS R AT; R BE; R CH; R CY; R DE; R DK; R ES; R FI; R FR; R GB; R GR; R IE;  
R IT; R LI; R LU; R MC; R NL; R PT; R SE  
PIT EPA1 EUROPAEISCHE PATENTANMELDUNG  
PI EP 897795 A1 19990224  
OD 19990224  
AI EP 1998-306692 19980820  
PRAI JP 1997-223780 19970820  
JP 1997-305673 19971107  
JP 1998-36191 19980218  
IC ICM B41C001-10

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

AN 897795 EUROPATFULL UP 20021212 EW 200249 FS PS  
TIEN Directly imageable raw plate for planographic printing plate.  
TIDE Direkt beschreibbare Trockenflachdruckformen.  
TIFR Plaques lithographiques a sec pour l'enregistrement en direct.  
IN Ichikawa, Michihiko, 13-1, Sonoyama 2-chome, Otsu-shi, Shiga, 520-0842,  
JP;  
Fujimaru, Koichi, 4-236-3, Kitayama, Nagaoka-shi, Niigata, 940-2114, JP;  
Ikeda, Norimasa, 2-11-11, Nogohara, Otsu-shi, Shiga, 520-2133, JP;  
Kawamura, Ken, 442, Kurita, Hatasho-cho, Echi-gun, Shiga, 529-1225, JP;  
Goto, Kazuki, 3-1-106, Sonoyama 2-chome, Otsu-sho, Shiga, 520-0842, JP  
PA TORAY INDUSTRIES, INC., 2-1, Nihonbashi Muromachi 2-chome, Chuo-ku,  
Tokyo 103-8666, JP  
SO Wila-EPS-2002-H49-T2  
DS R DE; R GB  
PIT EPB1 EUROPAEISCHE PATENTSCHRIFT  
PI EP 897795 B1 20021204  
OD 19990224  
AI EP 1998-306692 19980820  
PRAI JP 1997-223780 19970820  
JP 1997-305673 19971107  
JP 1998-36191 19980218  
REP EP 706899 A EP 794069 A  
WO 94-01280 A US 4032691 A  
US 5330876 A  
REN Schouten, e.a.: "Plastics", ninth edition, page 152, 1991, Delta Press,  
Overberg (NL)  
IC ICM B41C001-10  
L4 ANSWER 3 OF 18 EUROPATFULL COPYRIGHT 2004 WILA on STN

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 678546 EUROPATFULL ED 19991114 EW 199543 FS OS STA B  
TIEN Polymeric film.  
TIDE Polymerfilm.  
TIFR Film polymere.  
IN Brennan, William James, 124 Oxford Road, Linthorpe, Middlesbrough,  
Cleveland TS5 5EL, GB;  
Wright, Martin, 27 Hanthorne Terrace, West Cornforth, County Durham,  
DL17 9ET, GB;  
Brabbs, Noel Stephen, 51 High Street, Great Ayton, North Yorkshire TS9  
6NH, GB  
PA IMPERIAL CHEMICAL INDUSTRIES PLC, Imperial Chemical House, Millbank,  
London SW1P 3JF, GB  
SO Wila-EPZ-1995-H43-T1a  
DS R BE; R CH; R DE; R FR; R GB; R IT; R LI; R LU; R NL  
PIT EPA2 EUROPAEISCHE PATENTANMELDUNG  
PI EP 678546 A2 19951025  
OD 19951025

AI	EP 1995-105359	19950410
PRAI	GB 1994-7803	19940420
IC	ICM C08J007-04	
	ICS C09D187-00	
ICI	C08L067:02	

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

AN	678546	EUROPATFULL	UP 20000702	EW 200025	FS PS
TIEN	Polymeric film.				
TIDE	Polymerfilm.				
TIFR	Film polymere.				
IN	Brennan, William James, 124 Oxford Road, Linthorpe, Middlesbrough, Cleveland TS5 5EL, GB; Wright, Martin, 27 Hanthorne Terrace, West Cornforth, County Durham, DL17 9ET, GB; Brabbs, Noel Stephen, 51 High Street, Great Ayton, North Yorkshire TS9 6NH, GB				
PA	E.I. DU PONT DE NEMOURS AND COMPANY, 1007 Market Street, Wilmington Delaware 19898, US				
SO	Wila-EPS-2000-H25-T1				
DS	R BE; R CH; R DE; R FR; R GB; R IT; R LI; R LU; R NL				
PIT	EPB1 EUROPÄISCHE PATENTSCHRIFT				
PI	EP 678546		B1 20000621		
OD			19951025		
AI	EP 1995-105359		19950410		
PRAI	GB 1994-7803		19940420		
REP	EP 172269	A	EP 271799	A	
	EP 438114	A	EP 449102	A	
	EP 463400	A	US 3136655	A	
	US 4621009	A			
REN	DATABASE WPI Derwent Publications Ltd., London, GB; AN 75-16955W(10) & JP-A-50003838 (TORAY IND. INC.) 10 February 1975				
IC	ICM C08J007-04				
	ICS C09D187-00				
ICI	C08L067:02				
L4	ANSWER 4 OF 18 EUROPATFULL COPYRIGHT 2004 WILA on STN				

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN	420564	EUROPATFULL	ED 20000820	EW 199114	FS OS STA B
TIEN	Anti-friction and wear-resistant polyacetal molding compositions, and molded sliding members formed thereof.				
TIDE	Reibungsarme und verschleissfeste Formmasse aus Polyacetalharz und aus diesem Material hergestellte Gleitkoerper.				
TIFR	Compositions de moulage antifriction, resistant a l'usure, a base de polyacetal et organes coulissants moules en ce materiau.				
IN	Endo, Toshihiko, 324 Miyashita, Fuji-shi, Shizuoka, JP; Kanoto, Osamu, 885-11, Miyajima, Fuji-shi, Shizuoka, JP; Takayama, Katsunori, 539-9, Gokanjima, Fuji-shi, Shizuoka, JP; Matsunaga, Nobuyuki, 104, Kamiyokowari, Fuji-shi, Shizuoka, JP				
PA	POLYPLASTICS CO. LTD., 3-13, Azuchicho, 2-chome, Chuo-Ku Osaka-shi Osaka, JP				
SO	Wila-EPZ-1991-H14-T1				
DS	R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R IT; R LI; R LU; R NL; R SE				
PIT	EPA2 EUROPÄISCHE PATENTANMELDUNG				
PI	EP 420564		A2 19910403		
OD			19910403		
AI	EP 1990-310450		19900925		
PRAI	JP 1989-248809		19890925		
IC	ICM C08L059-02				
	ICS C08K003-00				
ICI	C08L059-02		C08L051:00		

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

AN 420564 EUROPATFULL UP 20010906 EW 199440 FS PS STA B  
 TIEN Anti-friction and wear-resistant polyacetal molding compositions, and  
 molded sliding members formed thereof.  
 TIDE Reibungsarme und verschleissfeste Formmasse aus Polyacetalharz und aus  
 diesem Material hergestellte Gleitkoerper.  
 TIFR Compositions de moulage antifriction, resistant a l'usure, a base de  
 polyacetal et organes coulissants moules en ce materiau.  
 IN Endo, Toshihiko, 324 Miyashita, Fuji-shi, Shizuoka, JP;  
 Kanoto, Osamu, 885-11, Miyajima, Fuji-shi, Shizuoka, JP;  
 Takayama, Katsunori, 539-9, Gokanjima, Fuji-shi, Shizuoka, JP;  
 Matsunaga, Nobuyuki, 104, Kamiyokowari, Fuji-shi, Shizuoka, JP  
 PA POLYPLASTICS CO. LTD., 3-13, Azuchicho, 2-chome, Chuo-Ku Osaka-shi Osaka  
 541, JP  
 SO Wila-EPS-1994-H40-T1  
 DS R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R IT; R LI; R LU;  
 R NL; R SE  
 PIT EPB1 EUROPAEISCHE PATENTSCHRIFT  
 PI EP 420564 B1 19941005  
 OD 19910403  
 AI EP 1990-310450 19900925  
 PRAI JP 1989-248809 19890925  
 REP EP 124879 A EP 156285 A  
 EP 340931 A EP 354802 A  
 IC ICM C08L059-02  
 ICS C08K003-00  
 ICI C08L059-02 C08L051:00

L4 ANSWER 5 OF 18 EUROPATFULL COPYRIGHT 2004 WILA on STN

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 354802 EUROPATFULL ED 20000917 EW 199007 FS OS STA B  
 TIEN Polyacetal resin composition and sliding member.  
 TIDE Polyacetal-Harzmasse und Gleitwerkstoff.  
 TIFR Composition de resine de polyacetal et materiau glissant.  
 IN Endo, Toshihiko, 324 Miyashita Fuji-shi, Shizuoka, JP;  
 Kanoto, Osamu, 885-11 Miyajima Fuji-shi, Shizuoka, JP;  
 Matsunaga, Nobuyuki, 104 Kamiyokowari Fuji-shi, Shizuoka, JP  
 PA POLYPLASTICS CO. LTD., 3-13, Azuchicho, 2-chome, Chuo-Ku Osaka-shi  
 Osaka, JP  
 SO Wila-EPZ-1990-H07-T1  
 DS R AT; R BE; R CH; R DE; R ES; R FR; R GB; R GR; R IT; R LI; R LU; R NL;  
 R SE  
 PIT EPA1 EUROPAEISCHE PATENTANMELDUNG  
 PI EP 354802 A1 19900214  
 OD 19900214  
 AI EP 1989-308170 19890811  
 PRAI JP 1988-201286 19880812  
 IC ICM C08L059-02  
 ICA C08J005-16.  
 C08K005-05.  
 C08K005-09.  
 C08K005-10.  
 C08L059-0  
 ICI 2 C08L051:06

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

AN 354802 EUROPATFULL UP 20011203 EW 199328 FS PS STA B  
 TIEN Polyacetal resin composition and sliding member.  
 TIDE Polyacetal-Harzmasse und Gleitwerkstoff.  
 TIFR Composition de resine de polyacetal et materiau glissant.  
 IN Endo, Toshihiko, 324 Miyashita Fuji-shi, Shizuoka, JP;  
 Kanoto, Osamu, 885-11 Miyajima Fuji-shi, Shizuoka, JP;  
 Matsunaga, Nobuyuki, 104 Kamiyokowari Fuji-shi, Shizuoka, JP  
 PA POLYPLASTICS CO. LTD., 3-13, Azuchicho, 2-chome, Chuo-Ku Osaka-shi Osaka  
 541, JP  
 SO Wila-EPS-1993-H28-T1



DS R AT; R BE; R CH; R DE; R ES; R FR; R GB; R GR; R IT; R LI; R LU; R NL;  
R SE  
PIT EPB1 EUROPAEISCHE PATENTSCHRIFT  
PI EP 354802 B1 19930714  
OD 19900214  
AI EP 1989-308170 19890811  
PRAI JP 1988-201286 19880812  
REP GB 1488408 A US 4041002 A  
US 4556690 A  
IC ICM C08L059-02  
ICA C08J005-16.  
C08K005-05.  
C08K005-09.  
C08K005-10.  
C08L059-02  
ICI C08L051:06

L4 ANSWER 6 OF 18 PCTFULL COPYRIGHT 2004 Univentio on STN  
AN 2004014984 PCTFULL ED 20040225 EW 200408  
TIEN POLY(TRIMETHYLENE-ETHYLENE ETHER) GLYCOLS  
TIFR POLY(TRIMETHYLENE-ETHYLENE ETHER) GLYCOLS  
IN SUNKARA, Hari, Babu, 3 Fritze Court, Hockessin, DE 19707, US;  
DO, Hiep, Quang, 13 Exeter Court, Somerset, NJ 08873, US  
PA E. I. DU PONT DE NEMOURS AND COMPANY, 1007 Market Street, Wilmington, DE  
19898, US [US, US]  
AG KULLER, Mark, D., E. I. du Pont de NemourS and Company, Legal Patent  
Records Center, 4417 Lancaster Pike, Wilmington, DE 19805, US  
LAF English  
LA English  
DT Patent  
PI WO 2004014984 A1 20040219  
DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW  
RW (ARIPO): GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
RW (EAPO): AM AZ BY KG KZ MD RU TJ TM  
RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR  
RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
AI WO 2003-US24390 A 20030804  
PRAI US 2002-60/402,262 20020809  
US 2003-10/621,892 20030717  
ICM C08G065-04  
ICS C08G065-34; C08F016-02; C08F016-12

L4 ANSWER 7 OF 18 USPATFULL on STN  
AN 2004:166183 USPATFULL  
TI Polyurethane and polyurethane-urea comprised of poly(trimethylene-  
ethylene ether) glycol soft segment  
IN Sunkara, Hari Babu, Hockessin, DE, UNITED STATES  
PI US 2004127673 A1 20040701  
AI US 2003-621861 A1 20030717 (10)  
PRAI US 2002-402262P 20020809 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 974  
INCL INCLM: 528/061.000  
INCLS: 528/065.000  
NCL NCLM: 528/061.000  
NCLS: 528/065.000  
IC [7]  
ICM: C08G018-00  
ICS: C08G018-10; C08G018-38; C08G018-32; C08G018-60  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 8 OF 18 USPATFULL on STN

AN 2004:114888 USPATFULL  
TI Polyamide compositions with improved antistatic and hydrophilic properties  
IN Bianchi, Jean- Pierre, Charmes sur Rhone, FRANCE  
Bordes, Bertrand, Vienne, FRANCE  
Chaubet, Olivier, Valence, FRANCE  
Rochat, Sandrine, Villeurbanne, FRANCE  
Roche, Eric, Luzinay, FRANCE  
PI US 2004087734 A1 20040506  
AI US 2003-312872 A1 20031222 (10)  
WO 2001-FR2128 20010703  
PRAI FR 2000-8632 20000703  
DT Utility  
FS APPLICATION  
LN.CNT 450  
INCL INCLM: 525/425.000  
INCLS: 525/430.000  
NCL NCLM: 525/425.000  
NCLS: 525/430.000  
IC [7]  
ICM: C08L077-00  
ICS: C08L071-00  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 9 OF 18 USPATFULL on STN  
AN 2004:105537 USPATFULL  
TI Ionically conducting sheet  
IN Minami, Masaki, Kanagawa, JAPAN  
Tanimoto, Junichiro, Kanagawa, JAPAN  
Kubo, Takaya, Kanagawa, JAPAN  
Nishikitani, Yoshinori, Kanagawa, JAPAN  
PI US 2004079926 A1 20040429  
AI US 2003-468641 A1 20030820 (10)  
WO 2002-JP1609 20020222  
PRAI JP 2001-48696 20010223  
JP 2001-195034 20010627  
DT Utility  
FS APPLICATION  
LN.CNT 815  
INCL INCLM: 252/500.000  
NCL NCLM: 252/500.000  
IC [7]  
ICM: H01B001-00  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 10 OF 18 USPATFULL on STN  
AN 2004:101953 USPATFULL  
TI Polyether ester elastomers comprising poly(trimethylene ether) ester soft segment and alkylene ester hard segment  
IN Sunkara, Hari Babu, Hockessin, DE, UNITED STATES  
PI US 2004077823 A1 20040422  
AI US 2003-621805 A1 20030717 (10)  
PRAI US 2002-402262P 20020809 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 924  
INCL INCLM: 528/272.000  
INCLS: 528/300.000  
NCL NCLM: 528/272.000  
NCLS: 528/300.000  
IC [7]  
ICM: C08G063-02  
ICS: C08G063-66  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 11 OF 18 USPATFULL on STN  
AN 2004:39553 USPATFULL  
TI Poly(trimethylene-ethylene ether) glycols



IN Sunkara, Hari B., Hockessin, DE, UNITED STATES  
Do, Hiep Q., Somerset, NJ, UNITED STATES  
PI US 2004030095 A1 20040212  
AI US 2003-621892 A1 20030717 (10)  
PRAI US 2002-402262P 20020809 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 998  
INCL INCLM: 528/425.000  
NCL NCLM: 528/425.000  
IC [7]  
ICM: C08G065-34

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 12 OF 18 USPATFULL on STN  
AN 2004:39547 USPATFULL  
TI Thermoplastic elastomer comprising poly(trimethylene-ethylene ether)  
soft segment and polyamide hard segment  
IN Sunkara, Hari Babu, Hockessin, DE, UNITED STATES  
PI US 2004030089 A1 20040212  
AI US 2003-621896 A1 20030717 (10)  
PRAI US 2002-402262P 20020809 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 916  
INCL INCLM: 528/272.000  
NCL NCLM: 528/272.000  
IC [7]  
ICM: C08G063-02

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 13 OF 18 USPATFULL on STN  
AN 2001:29275 USPATFULL  
TI Directly imageable waterless planographic printing plate  
IN Ichikawa, Michihiko, Shiga, Japan  
Fujimaru, Koichi, Niigata, Japan  
Ikeda, Norimasa, Shiga, Japan  
Kawamura, Ken, Shiga, Japan  
Goto, Kazuki, Shiga, Japan  
PA Toray Industries, Inc., Tokyo, Japan (non-U.S. corporation)  
PI US 6194122 B1 20010227  
AI US 1998-136942 19980820 (9)  
PRAI JP 1997-223780 19970820  
JP 1997-305673 19971107  
JP 1998-36191 19980218  
DT Utility  
FS Granted  
LN.CNT 1731  
INCL INCLM: 430/272.100  
INCLS: 430/281.100  
NCL NCLM: 430/272.100  
NCLS: 430/281.100  
IC [7]  
ICM: G03C001-76

EXF 430/270.1; 430/272.1; 430/280.1; 430/281.1; 430/303; 430/273.1  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 14 OF 18 USPATFULL on STN  
AN 2000:91470 USPATFULL  
TI Organic positive temperature coefficient thermistor  
IN Handa, Tokuhiko, Tokyo, Japan  
Yoshinari, Yukie, Tokyo, Japan  
PA TDK Corporation, Tokyo, Japan (non-U.S. corporation)  
PI US 6090314 20000718  
AI US 1999-238918 19990128 (9)  
PRAI JP 1998-188208 19980618  
DT Utility  
FS Granted

LN.CNT 1069  
INCL INCLM: 252/511.000  
INCLS: 252/513.000; 252/514.000; 338/022.000R; 338/025.000  
NCL NCLM: 252/511.000  
NCLS: 252/513.000; 252/514.000; 338/022.000R; 338/025.000  
IC [7]  
ICM: H01B001-06  
ICS: H01C007-10  
EXF 252/511-514; 338/22R; 338/25; 338/225D  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 15 OF 18 USPATFULL on STN  
AN 1999:33712 USPATFULL  
TI Polymeric film having an antistatic coating layer  
IN Brennan, William James, Cleveland, England  
Brabbs, Noel Stephen, Cleveland, England  
Wright, Martin, West Cornforth, England  
PA Imperial Chemical Industries PLC, London, England (non-U.S. corporation)  
PI US 5882800 19990316  
AI US 1995-425172 19950420 (8)  
PRAI GB 1994-7803 19940420  
DT Utility  
FS Granted  
LN.CNT 522  
INCL INCLM: 428/480.000  
INCLS: 428/704.000  
NCL NCLM: 428/480.000  
NCLS: 428/704.000  
IC [6]  
ICM: B32B027-36  
EXF 428/480; 428/704; 430/273.1; 430/637; 430/638; 430/631; 430/270.1  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 16 OF 18 USPATFULL on STN  
AN 97:24740 USPATFULL  
TI Capsule shell formulation to produce brittle capsules  
IN Chiprich, Timothy B., St. Petersburg, FL, United States  
Hoylman, Michael T., St. Petersburg, FL, United States  
Stroud, Norman S., Safety Harbor, FL, United States  
PA R.P. Scherer Corporation, Troy, MI, United States (U.S. corporation)  
PI US 5614217 19970325  
AI US 1995-482775 19950607 (8)  
DT Utility  
FS Granted  
LN.CNT 366  
INCL INCLM: 424/451.000  
INCLS: 424/452.000; 424/454.000; 424/455.000; 424/456.000; 514/962.000;  
514/778.000; 514/781.000; 514/782.000; 514/777.000; 514/783.000;  
514/772.300  
NCL NCLM: 424/451.000  
NCLS: 424/452.000; 424/454.000; 424/455.000; 424/456.000; 514/772.300;  
514/777.000; 514/778.000; 514/781.000; 514/782.000; 514/783.000;  
514/962.000  
IC [6]  
ICM: A61K009-48  
EXF 424/451; 424/452; 424/454; 424/455; 424/456; 424/453

L4 ANSWER 17 OF 18 USPATFULL on STN  
AN 92:105019 USPATFULL  
TI Anti-friction and wear-resistant polyacetal molding compositions, and  
molded sliding members formed thereof  
IN Endo, Toshihiko, Shizuoka, Japan  
Kanoto, Osamu, Shizuoka, Japan  
Takayama, Katsunori, Shizuoka, Japan  
Matsunaga, Nobuyuki, Shizuoka, Japan  
PA Polyplastics Co., Ltd., Osaka, Japan (non-U.S. corporation)  
PI US 5173532 19921222  
AI US 1992-847885 19920310 (7)

RLI Continuation of Ser. No. US 1990-587951, filed on 25 Sep 1990, now  
 abandoned  
 PRAI JP 1989-248809 19890925  
 DT Utility  
 FS Granted  
 LN.CNT 507  
 INCL INCLM: 524/425.000  
 INCLS: 524/445.000; 524/447.000; 524/449.000; 524/451.000; 524/493.000;  
 524/504.000; 524/512.000; 524/542.000  
 NCL NCLM: 524/425.000  
 NCLS: 524/445.000; 524/447.000; 524/449.000; 524/451.000; 524/493.000;  
 524/504.000; 524/512.000; 524/542.000  
 IC [5]  
 ICM: C08K003-26  
 EXF 524/425; 524/445; 524/447; 524/449; 524/451; 524/493; 524/504; 524/512;  
 524/542  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 18 OF 18 USPATFULL on STN  
 AN 86:39760 USPATFULL  
 TI Thermoplastic elastomers  
 IN Minekawa, Saburo, Yokohama, Japan  
 Yamaguchi, Koretaka, Kawasaki, Japan  
 Toyomoto, Kazuo, Yokohama, Japan  
 Fujimoto, Einosuke, Yokohama, Japan  
 Nakayama, Norikatu, Kawasaki, Japan  
 Senoh, Shikazo, Kawasaki, Japan  
 PA Asahi Kasei Kogyo Kabushiki Kaisha, Osaka, Japan (non-U.S. corporation)  
 PI US 4600749 19860715  
 AI US 1982-348335 19820212 (6)  
 RLI Continuation of Ser. No. US 1979-42028, filed on 24 May 1979, now  
 abandoned which is a continuation of Ser. No. US 1977-850070, filed on 3  
 Nov 1977, now abandoned which is a continuation of Ser. No. US  
 1976-675212, filed on 8 Apr 1976, now abandoned which is a continuation  
 of Ser. No. US 1972-259760, filed on 5 Jun 1972, now abandoned which is  
 a continuation of Ser. No. US 1970-15210, filed on 20 Feb 1970, now  
 abandoned which is a division of Ser. No. US 1966-603120, filed on 20  
 Dec 1966, now abandoned  
 PRAI JP 1965-80952 19651229  
 DT Utility  
 FS Granted  
 LN.CNT 1957  
 INCL INCLM: 525/314.000  
 NCL NCLM: 525/314.000  
 IC [4]  
 ICM: C08F297-04  
 EXF 525/314  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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